

**PURCHASING AGENT: JARED GARDNER****Item: REFLECTIVE SIGN SHEETING**

Vendor: 10981I G 3M COMPANY
P.O. BOX 269F
ST. LOUIS, MO 63150-0269

ORDERING ADDRESS
3M CENTER BLDG. 225-5S-08
P.O. BOX 33225
ST. PAUL, MN 55133-3225

Internet Homepage: www.3M.com/US/Safety/TCM

Telephone: (800) 553-1380

Fax number: (888) 246-9793

Contact: Dennis J. Johnson

Email address: tbidgroup@mmm.com

Brand/trade name: 3M Scotchlite

Price: See Attached Price List

Terms: NET 30

Effective dates: 04/07/03 to 04/07/06

Days required for delivery: 18 WORKING DAYS

Price guarantee period: 1 YEAR

Minimum order:

Other conditions: NONE

THIS IS A NEW CONTRACT.

This contract resulted from bid #JG3109-1.

This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. Agencies will return to the vendor any invoice which reflects incorrect pricing.



This contract is to provide the State with reflective sheeting for enclosed and encapsulated lens.

The sheeting shall conform to ASTM D4596-99. This specification shall include:

Type I Enclosed Lens
Type III Encapsulated Lens
Type VII Standard color and Fluorescent
Type VIII Standard color and Fluorescent
Type IX Standard color and Fluorescent

The manufacture shall provide a certification for each type of sheeting from a independent agency.

SHEETING COMPATIBILITY:

The sheeting shall be a part of a matched component product required for the manufacture of highway signs. The matched components shall consist of the sheeting, cutout letters and borders, inks and overlay films. Failure of the sheeting inks or overlay films, provided sold or recommended for use shall constitute a failure of the entire signs and be replaced under manufacturers warranty replacement obligations. All components and warranties shall be compatible with substrates used by UDOT to include 90/90 HDO plywood and .080 Aluminum ASTM B-209 5052 - H 38 or 6061-T6.

INKS:

The process inks used or recommended shall be a single component which may be applied before or after the sheeting is applied to the surface. The manufacture shall provide a list of approved process inks.

The manufacturer upon request shall provide custom color match inks.

TECHNICAL ASSISTANCE:

The manufacture shall provide, at no additional cost to the State entity or UDOT, the services of qualified technicians for instruction and training at the UDOT Shop. The instruction shall be provided at least semi-annually at the request of UDOT. The instruction shall include but not limited to, training films, material application, equipment operation, and silk screening techniques. Other areas of instruction will also include packaging, storage and other proven sign shop practices as they apply to the sheeting supplied by the manufacturer, and assurances that the resulting sign can comply with the applicable specifications and warranties. Technical assistance shall also include service



on screen printing problems with the inks recommended by the manufacturer for their sheeting.

DOUBLE BACK TAPE:

A high bond double coated acrylic foam tape used for attachment of aluminum sign panel(s) to mounting hardware without the aid of other type of fasteners (bolts, screws etc.) shall be provided. The double back tape shall be equivalent to or exceed the requirements of 3M's VHB 4950. The tape shall be acceptably tested to meet NCHRP 230 and NCHRP 350 requirements.

LINEAR DELINEATION SYSTEM:

A series of panels for roadway delineation using Type IX Retroreflective sheeting on a thin aluminum substrate. The system shall be equivalent to or exceed 3M's Scotchlite Linear Delineation Systems Series 344/346. The system will be supplied in multiple colors including white, yellow, red and orange.

DELIVERY

Orders may be placed directly with the Supplier by telephone and/or written conformations, all phone orders will be followed with a written conformation. All order shall be F.O.B. destination, within eighteen (18) calendar days from date of phone order, or twenty-one (21) days from post mark date for written orders. Delivery of special orders "color matching" of ink shall be thirty (30) calendar day delivery. Failure to comply with specified delivery schedule will result in a penalty of one percent (1%) of the order cost per calendar day.

NON-REFLECTIVE VINYL FILM UNIT A

ITEM	PRODUCT	DESCRIPTION	UNIT PRICE
1	3M Series #3650-12 Black	Non-reflective vinyl film, border material 3/8" thru 1 1/4", 50 yd rolls	\$ 0.49 Sq Ft
2	3M Series #7725	Non-reflective vinyl films roll goods, 1" thru 48" widths	\$0.49 Sq Ft
3	3M #C800 Series	Non-reflective vinyl film pre-masked letters & numbers (highway series) 1 1/2"	\$0.209 Each
4	3M #C800 Series	Non-reflective vinyl film pre-masked letters & numbers (highway series) 2"	\$0.236 Each



5	3M #C800 Series	Non-reflective vinyl film pre-masked letters & numbers (highway series) 4"	\$0.45 Each
6	3M #C800 Series	Non-reflective vinyl film pre-masked letters & numbers (highway series) 6"	\$1.40 Each
7	3M #C800 Series	Non-reflective vinyl film pre-masked letters & numbers (highway series) 8"	\$2.14 Each
8	3M #C800 Series	Non-reflective vinyl film pre-masked letters & numbers (highway series) 10"	\$3.78 Each

MISCELLANEOUS UNIT B

ITEM	PRODUCT	DESCRIPTION	UNIT PRICE
1	3M #LDS-FY 346 FL Orange*	Linear delineation system	\$550.00 Carton
2		4950 very high bond tape	\$43.65 Roll

*See 3M for additional colors

ASTM TYPE I - ENCLOSED LENS UNIT C

ITEM	PRODUCT	DESCRIPTION	UNIT PRICE
1	3M Series 3200	Enclosed lens retroreflective sheeting roll goods, 4" thru 48" width	\$0.64 Sq Ft
2	3M Series 3200	Enclosed lens retroreflective sheeting 1/2" thru 3" border material, 50 yd rolls	\$0.64 Sq Ft
3	3M Series 700	Process colors, transparent & opaque, for enclosed lens retroreflective sheeting	No Charge per Gallon
4	3M 680 CR	Enclosed lens retroreflective vehicle marking roll goods, 4" thru 48"	\$2.4012 Sq Ft
5	3M #SCPS-2 or SCPM3	Pre-masking & pre-spacing tapes 4" thru 48" widths. Per/size/roll	\$0.135 Sq Ft

ASTM TYPE III - ENCAPSULATED LENS UNIT D

ITEM	PRODUCT	DESCRIPTION	UNIT PRICE
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1	3M Series 3800	Encapsulate lens retroreflective sheeting roll goods, 6" thru 48"	\$1.238 Sq Ft
2	3M Series 3800	Encapsulated lens retroreflective sheeting ½" thru 4" border material. 50 yd rolls	\$1.238 Sq Ft
3	3M Series 880	Process colors, transparent & opaque for encapsulated lens retroreflective sheeting	No Charge per Gallon
4	3M Series 3870 White SerC	Encapsulated lens retroreflective sheeting letters & numbers (highway series) 4"	\$0.466 Each
5	3M Series 3870 White SerC	Encapsulated lens retroreflective sheeting letters & numbers (highway series) 6"	\$0.8332 Each
6	3M Series 3810	Encapsulated lens retroreflective sheeting (flexible) for delineator 4"x5" per/each/color	\$0.56 Each
7	3M #3824	Encapsulated lens retroreflective sheeting, orange (construction work zone) roll goods 18" thru 48"	\$1.238 Sq Ft
8	3M Series 3810	Encapsulated lens retroreflective sheeting marking (flexible, construction work zone) roll goods 1" thru 12". 50 yd rolls	\$3.95 Sq Ft
9	3M #384L or #386L or R	Encapsulated lens retroreflective pre-stripped barricade sheeting flexible (4" & 6") roll goods	\$1.238 Sq Ft

ASTM TYPE VII - RETROREFLECTIVE SHEETING UNIT E

ITEM	PRODUCT	DESCRIPTION	UNIT PRICE
1	3M #3970	Type VII retroreflective sheeting roll goods, 6" thru 48"	\$4.35 Sq Ft
2	3M # 3924	Type VII retroreflective fluorescent sheeting roll goods, 6" thru 48"	\$3.25 Sq Ft
3	3M #3970	Encapsulated lens retroreflective sheeting ½" thru 4" border material. 50 yd rolls	\$4.35 Sq Ft
4	3M Series 880	Process colors, transparent & opaque, for encapsulated lens retroreflective sheeting	No Charge per Gallon
5	3M 3970 White "C"	Encapsulated lens retroreflective sheeting letters & numbers (highway series) 2"	\$1.57 Each



6	3M 3970 White "C"	Encapsulated lens retroreflective sheeting letters & numbers (highway series) 4"	\$2.63 Each
7	3M 3970 White "C"	Encapsulated lens retroreflective sheeting letters & numbers (highway series) 6"	\$2.65 Each

ASTM TYPE VIII - RETROREFLECTIVE SHEETING UNIT F

ITEM		DESCRIPTION	UNIT PRICE
1	3M Series 3940	Type VIII retroreflective sheeting roll goods, 6" thru 48"	\$4.35 Sq Ft
2	3M Series 3940	Type VIII retroreflective fluorescent sheeting roll goods, 6" thru 48"	\$4.90 Sq Ft
3	3M Series 880	Encapsulated lens retroreflective sheeting 1/2" thru 4" border material. 50 yd rolls	\$4.35 Sq Ft
4	3M 3970 White "C"	Process colors, transparent & opaque for encapsulated lens retroreflective sheeting	No Charge per Gallon
5	3M 3970 White "C"	Encapsulated lens retroreflective sheeting letters & numbers (highway series) 2"	\$1.57 Each
6	3M 3970 White "C"	Encapsulated lens retroreflective sheeting letters & numbers (highway series) 4"	\$2.63 Each
7	3M 3970 White "C"	Encapsulated lens retroreflective sheeting letters & numbers (highway series) 6"	\$2.65 Each

ASTM TYPE IX - RETROREFLECTIVE SHEETING UNIT G

ITEM	PRODUCT	DESCRIPTION	UNIT PRICE
1	3M Series 3990	Type IX retroreflective sheeting roll goods, 6" thru 48"	\$4.25 Sq Ft
2	3M Diamond Grade Fluorescent Yellow #3981 or Yellow Green #3983	Type IX retroreflective fluorescent sheeting roll goods, 6" thru 48"	\$4.90 Sq Ft
3		Encapsulated lens retroreflective sheeting 1/2" thru 4" border material. 50 yd rolls	\$4.25 Sq Ft



4	3M Series 880	Process colors, transparent & opaque for encapsulated lens retroreflective sheeting	No Charge per Gallon
5	3M Series 3990 White "C"	Encapsulated lens retroreflective sheeting letters & numbers (highway series) 2"	\$1.57 Each
6	3M Series 3990 White "C"	Encapsulated lens retroreflective sheeting letters & numbers (highway series) 4"	\$2.63 Each
7	3M Series 3990 White "C"	Encapsulated lens retroreflective sheeting letters & numbers (highway series) 6"	\$2.65 Each

ASTM TYPE I - 2" VEHICLE NUMBERS UNIT H

ITEM	PRODUCT	DESCRIPTION	UNIT PRICE
1	3M Series 680-CR	Enclosed lens retroreflective vehicle marking (removable) letters& numbers 2"	\$0.96 Each

ASTM TYPE III - ENCAPSULATED LENS UNIT I

ITEM	PRODUCT	DESCRIPTION	UNIT PRICE
1	**	Encapsulated lens retroreflective sheeting two color sign faces regulator, warning & interstate shields	\$6.20 Sq Ft

** Minimum order is 10 identical faces.

*******REPORTS*******

The contractor will submit yearly reports to the State Purchasing Agent (Jared Gardner) showing quantities and dollar volume of purchases by each agency and political subdivision. This report will be due by December 1st of each year..

FINET COMMODITY CODE(S): **FOR AGENCY USE ONLY**

80149000000 - REFLECTIVE SIGN MATERIAL

